2925

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2925	036	12	18	75	29 ###	3536	7520

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0015	13	13	07	010	Y	NW	25

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
5	OC	SH	E	FT	020	—	14	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00371	—	0003	00022

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3H5			PO	DO
START	35° 36′	75° 20′	1283	2935	15		1340	1341
							PU	ON
FINISH	35° 34′	75° 19′	1266	2930	14		1411	1414

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1209 / 5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

Ross fathometer MAlfunction prevented complete Time for This STATION.

OBSERVATIONS

R/V DAN MOORE SPECIES LIST

STA. NO. 2925 DATE Dec 18 1975 BIOLOGISTS BFH JVS GK

TOT. CATCH WT. 396 AIR 7 SURFACE 12.5 BOTTOM 12.7

SAMPLE WT. 88 RAISING FACTOR 3

60
50

Hand sample 43 = 22

SPECIES	C or NC	NUMBER	WEIGHT	TOT. WT. (pds)	$\bar{X}$ Wt	REMARKS
Paralichthys dentatus		180	195	195	1.1	total
Cynoscion regalis	C	3	8	24	2.7	
Prionotus evolans		11	7	21	.6	
Micropogon undulatus	C	4	4	12	1	
Urophycis regius		1	.3	.9	.3	
Menticirrhus saxatilis		2	1.3	3.9	.7	
Prionotus carolinus		1	.3	.9	.3	
Etropus crossotus		3	.2	.6	trace	
Symphurus plagiusa		1	.8	2.4	.8	
Sphoeroides maculatus		1	.1	.3	.1	
Diplectrum formosum		1	.3	.9	.3	
Leiostomus xanthurus		1	.2	.6	.2	
Peprilus triacanthus		1	.2	.6	.2	
Mustelus canis		3	6	18	2	
Raja eglanteria		14	30	90	2.1	
Limulus polyphemus		1	2.3	6.9	2.3	
Loligo pealei	C	6	2.5	7.5	.4	
Busycon		1	1	3	1	
Shrimp			2.5	7.5		

other
52
55
66
3)173
54

201

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Length-frequency distribution

Species: *Paralichthys dentatus*

Station: 2925

Date: Dec 18 1975

3.3962 Raising Factor

AREA 2

Locality: Wimble Shoals

T.L.	♂			♀			T.L.	total N = 180
100 - 109							600 -	
110 -							610 -	
120 -							620 -	
130 -							630 -	
140 -							640 -	
150 -							650 -	
160 -							660 -	
170 -							670 -	
180 -							680 -	
190 -							690 -	
200 -			R.F			R.F.	700 -	R.F
210 -							710 -	
220 -	II	(2)	7				720 -	7
230 -				I	(1)	3	730 -	3
240 -	I	(1)	3	I	(1)	3	740 -	6
250 -	IIII	(4)	14	II	(2)	7	750 -	21
260 -				III	(3)	10		10
270 -								
280 -				I	(1)	3		3
290 -	I	(1)	3					3
300 -	I	(1)	3					3
310 -								
320 -	II	(2)	7	I	(1)	3		10
330 -	I	(1)	3					3
340 -	III	(3)	10	III	(3)	10		13
350 -								
360 -	II	(2)	7	I	(1)	3		10
370 -	IIII	(4)	14					14
380 -	I	(1)	3					3
390 -	III	(3)	10					10
400 -								
410 -				I	(1)	3		3
420 -	II	(2)	7	III	(3)	10		17
430 -	I	(1)	3					3
440 -								
450 -				III	(3)	10		10
460 -				I	(1)	3		3
470 -								
480 -								
490 -								
500 -				II	(2)	7		7
510 -								
520 -				I	(1)	3		3
530 -								
540 -				I	(1)	3		3
550 -								
560 -								
570 -								
580 -								
590 -								
	Sample	RF		Sample	RF			
	28	94		25	81			175

SEXES COMBO W/ RF

N = 175 RF
- 5 lost captured

SAMPLE N = 53

RANGE ♂ 220 - 431
♀ 238 - 545

SEX ratio:
sample 28 ♂
25 ♀

R.F. 94 ♂
81 ♀

Sheet ___ of ___

Species: _____ RF = 3.4

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
			P. Dentatus						2925	Area II
1	261	♀						I		
2	296	♂								
3	324	♂								running
4	375	♂								
5	365	♀						III		
6	346	♀						I		
7	431	♂								
8	421	♀						II		running
9	283	♀						I		count = 43 subsample
10	423	♂	running							count = 84 in other
11	255	♀						I		two baskets
12	520	♀						III		
13	320	♀						I		total = 43+84+53
14	254	♂								
15	258	♂								
16	255	♀						I		
17	238	♀						I		
18	410	♀						III		
19	375	♂	running							
20	345	♀						I		
21	309	♂								
22	330	♂								
23	321	♂	running							
24	242	♂								
25	392	♂	running							
26	383	♂	running							
27	391	♂	running							
28	260	♀						I		
29	453	♀						III		
30	508	♀						III		
31	220	♂								
32	254	♂						I		
33	340	♀								
34	398	♂	running							
35	370	♂	running							
36	251	♂						I		
37	240	♀								
38	425	♀						III		
39	345	♂	running							
40	450	♀						III		
41	453	♀						II		
42	360	♂	running							
43	345	♂	running							
44	500	♀						VI		
45	545	♀						IV		
46	460	♀						III		
47	427	♀						IV		
48	223	♂								
49	363	♂	running							
50	325	♂	running							

Species: _____

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
51	344	♂	running					I	2925 (Con't)	Area II
52	261	♀								
53	426	♂	running							
~~54~~	?									

25 ♀♀
28 ♂♂
53

2925